



WHAT IS CLAIMED IS:

1. A rack-mount storage system, comprising:  
an equipment cabinet defining at least one  
device opening therein;
- 5           a first device sized to be received by the  
device opening, said first device defining a first  
mounting pathway therein, said first device having a  
first chassis sized to receive at least one component  
10          of said first device, at least a portion of said  
first chassis defining at least a portion of said  
first mounting pathway; and
- 15          a support spar being sized to be received by the  
first mounting pathway and being sized to engage said  
equipment cabinet, said support spar engaging the  
first mounting pathway and said equipment cabinet to  
support said first device in said equipment cabinet.
- 20          2. The rack-mount storage system of claim 1,  
wherein said first chassis comprises a channel member  
therein, a top surface and a bottom surface, and wherein  
the first mounting pathway is defined by said channel  
member and the bottom surface of said first chassis so  
that when said support spar is received by the first  
mounting pathway, said support spar does not extend  
downwardly beyond the bottom surface of said first  
25          chassis.
- 30          3. The rack-mount storage system of claim 1,  
wherein said first chassis comprises a channel member  
therein, a top surface and a bottom surface, and wherein  
the first mounting pathway is defined by said channel  
member and the top surface of said first chassis so that  
when said support spar is received by the first mounting  
pathway, said support spar does not extend upwardly beyond

the top surface of said first chassis.

4. The rack-mount storage system of claim 1,  
wherein said first device includes a fore-to-aft center of  
gravity location and wherein the first mounting pathway is  
5 located at about the fore-to-aft center of gravity  
location.

5. The rack-mount storage system of claim 1,  
wherein said support spar is aluminum and includes a  
generally rectangular and tubular cross section.

10 6. The rack-mount storage system of claim 1,  
wherein said support spar includes a first end, a second  
end and a center, said support spar being curved such that  
the center of said support spar is higher than its first  
and second ends while said support spar is engaging the  
first mounting pathway and said equipment cabinet.

15 *Six* *So* 7. ~~The rack-mount storage system of claim 1,  
wherein said equipment cabinet includes a first side and  
a second side and wherein said support spar engages the  
first and second sides of said equipment cabinet.~~

20 8. The rack-mount storage system of claim 7,  
wherein the first side of said equipment cabinet includes  
a first mounting rail and wherein the second side of said  
equipment cabinet includes a second mounting rail, said  
support spar being sized to engage the first and second  
25 mounting rails.

9. The rack-mount storage system of claim 1,  
wherein the device opening has a first side and a second  
side separated by a spaced distance and wherein said first

device has a width that is less than the spaced distance between the first and second sides of the device opening.

10. The rack-mount storage system of claim 9,  
further comprising a spacer sleeve sized to be received  
5 over said support spar, said spacer sleeve extending  
between said first device and the second side of the  
device opening, said spacer sleeve holding said first  
device against the first side of the device opening.

11. The rack-mount storage system of claim 9,  
10 further comprising a second device, said second device  
defining a second mounting pathway therein sized to  
receive said support spar, said second device having a  
second chassis sized to receive at least one component of  
said second device, at least a portion of said second  
15 chassis defining at least a portion of said second  
mounting pathway, said second device being mounted  
adjacent said first device so that said first and second  
devices extend between the first and second sides of the  
device opening.

20 12. The rack-mount storage system of claim 11,  
wherein said first device is secured to said second  
device.

13. The rack-mount storage system of claim 11,  
wherein the second mounting pathway is substantially  
25 aligned with the first mounting pathway when said first  
and second devices are positioned adjacent one another.

*SAC* > 14. A rack-mount storage system having an equipment  
cabinet and at least one device opening therein,  
comprising:

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a first device sized to be received by the first device opening, said first device defining a first mounting pathway therein, said first device having a first chassis sized to receive at least one component of said first device, at least a portion of said first chassis defining at least a portion of said first mounting pathway; and

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a support spar being sized to be received by the first mounting pathway and being sized to engage said equipment cabinet, said support spar engaging the first mounting pathway and said equipment cabinet to support said first device in said equipment cabinet.

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15. A rack-mount storage system, comprising:

equipment cabinet means for defining at least one device opening therein;

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device means for defining at least one mounting pathway therein, said device means having housing means for housing at least one component of said device means, said housing means defining at least a portion of said at least one mounting pathway; and

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support means for engaging said at least one mounting pathway defined by said device means and for engaging said equipment cabinet means, said support means supporting said device means within said at least one device opening defined by said equipment cabinet means.

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16. A rack-mount storage system, comprising:

an equipment cabinet defining at least one device opening therein;

a first device sized to be received by the device opening, said first device having a chassis sized to receive at least one component of said first

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device, a portion of the chassis defining at least a portion of a first mounting pathway; and

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a support spar sized to be received by the first mounting pathway and to engage said equipment cabinet, said support spar engaging the first mounting pathway and said equipment cabinet to support said first device in said equipment cabinet.

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17. The rack-mount storage system of claim 16, wherein said first mounting pathway is located in said chassis so that said support spar does not extend downwardly beyond a bottom surface of said first device when said support spar is supporting said first device within said equipment cabinet.

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18. The rack-mount storage system of claim 16, wherein said first mounting pathway is located in said chassis so that said support spar does not extend upwardly beyond a top surface of said first device when said support spar is supporting said first device within said equipment cabinet.

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19. The rack-mount storage system of claim 16, wherein said first device includes a fore-to-aft center of gravity location and wherein said first mounting pathway is located at about the fore-to-aft center of gravity location.

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20. The rack-mount storage system of claim 16, wherein the device opening defined by said equipment cabinet includes a first side and a second side separated by a spaced distance and wherein said first device has a width that is less than the spaced distance between the first and second sides of said device opening, said rack-

mount storage system further comprising a spacer sleeve sized to be received by said support spar, said spacer sleeve extending between said first device and the second side of the device opening, said spacer sleeve holding  
5 said first device against the first side of the device opening.

21. The rack-mount storage system of claim 16,  
wherein the device opening defined by said equipment  
cabinet includes a first side and a second side separated  
10 by a spaced distance and wherein said first device has a  
width that is less than the spaced distance between the  
first and second sides of said device opening, said rack-  
mount storage system further comprising a second device  
having a chassis sized to receive at least one component  
15 of said second device, a portion of the chassis defining  
at least a portion of a second mounting pathway, said  
second device being mounted adjacent said first device and  
engaging said support spar so that said first and second  
devices extend between the first and second sides of the  
20 device opening.